Electronic Version
Stylesheet Version v1.1.1

METHOD OF CONTROLLING THE FORCE OF THE SLED MOTOR IN AN OPTICAL DISK DRIVE

Abstract

After an optical disk drive is powered on, a predetermined force is provided to a sled motor. When the predetermined force is provided, a duration of the pickup head module sliding from an inner region to an outer region of an optical disk is measured. A correction coefficient is obtained from the ratio of the measured duration and an ideal duration. Thereafter the force of the sled motor is corrected by the correction coefficient. This reduces differences of reading/writing time among individual optical disk drives.